

WEST Search History

[Hide Items](#) [Restore](#) [Clear](#) [Cancel](#)

DATE: Thursday, July 06, 2006

<u>Hide?</u>	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>	
<input checked="" type="checkbox"/>	L10	20010053177 or 6647059.pn. or 6600729.pn.	7
<input checked="" type="checkbox"/>	L9	(cross near2 correlat\$3 near23 matrix\$) and ((multi near2 user\$ near2 detect\$) or (joint\$3 near3 detect\$3)) and l4	26
<input checked="" type="checkbox"/>	L8	L7 and l4	29
<input checked="" type="checkbox"/>	L7	(partition\$3 or (parallel near3 (task\$3 or prcoes\$3))) and (correlat\$3 near23 matrix\$) and ((multi near2 user\$) or (joint\$3 near3 detect\$3)) not l2 (partition\$3 or (parallel near3 (task\$3 or prcoes\$3))) and (cross near2 correlat\$3 near23 matrix\$) and ((multi near2 user\$) or (joint\$3 near3 detect\$3)) not l2	89
<input checked="" type="checkbox"/>	L6	correlat\$3 near23 matrix\$) and ((multi near2 user\$) or (joint\$3 near3 detect\$3)) not l2	3
<input checked="" type="checkbox"/>	L5	L4 and l2	7
<input checked="" type="checkbox"/>	L4	@ad<=20010314	20463675
<input checked="" type="checkbox"/>	L3	(cross near2 correlat\$3 near23 matrix\$) same((multi near2 user\$ near2 detect\$) or (joint\$3 near3 detect\$3)) (partition\$3 or (parallel near3 (task\$3 or prcoes\$3))) and (cross near2 correlat\$3 near23 matrix\$) and ((multi near2 user\$ near2 detect\$) or (joint\$3 near3 detect\$3))	13
<input checked="" type="checkbox"/>	L2	correlat\$3 near23 matrix\$) and ((multi near2 user\$ near2 detect\$) or (joint\$3 near3 detect\$3)) (partition\$3 or (parallel near3 (task\$3 or prcoes\$3))) same (cross near2 correlat\$3 near23 matrix\$) same ((multi near2 user\$ near2 detect\$) or (joint\$3 near3 detect\$3))	24
<input checked="" type="checkbox"/>	L1	correlat\$3 near23 matrix\$) same ((multi near2 user\$ near2 detect\$) or (joint\$3 near3 detect\$3))	0

END OF SEARCH HISTORY

[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

Search Results[BROWSE](#)[SEARCH](#)[IEEE XPLOR GUIDE](#) e-mail

Results for "(duel-hallen a.<in>au)"

Your search matched 45 of 1370541 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by **Relevance in Descending order**.**» Search Options**[View Session History](#)[New Search](#)**Modify Search:**

(duel-hallen a.<in>au)

 Check to search only within this results setDisplay Format: Citation Citation & Abstract**» Key**

IEEE JNL IEEE Journal or Magazine

[view selected items](#)[Select All](#) [Deselect All](#)

IEE JNL IEE Journal or Magazine

**1. Delayed decision-feedback sequence estimation**Duel-Hallen, A.; Heegard, C.;
Communications, IEEE Transactions on
Volume 37, Issue 5, May 1989 Page(s):428 - 436
Digital Object Identifier 10.1109/26.24594[AbstractPlus](#) | Full Text: [PDF\(812 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)

IEEE CNF IEEE Conference Proceeding

**2. Equalizers for multiple input/multiple output channels and PAM systems cyclostationary input sequences**Duel-Hallen, A.;
Selected Areas in Communications, IEEE Journal on
Volume 10, Issue 3, April 1992 Page(s):630 - 639
Digital Object Identifier 10.1109/49.127784[AbstractPlus](#) | Full Text: [PDF\(916 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)

IEE CNF IEE Conference Proceeding

**3. Decorrelating decision-feedback multiuser detector for synchronous code multiple-access channel**Duel-Hallen, A.;
Communications, IEEE Transactions on
Volume 41, Issue 2, Feb. 1993 Page(s):285 - 290
Digital Object Identifier 10.1109/26.216499[AbstractPlus](#) | Full Text: [PDF\(464 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)

IEEE STD IEEE Standard

**4. Multiuser detection for CDMA systems**Duel-Hallen, A.; Holtzman, J.; Zvonar, Z.;
Personal Communications, IEEE [see also IEEE Wireless Communications]
Volume 2, Issue 2, April 1995 Page(s):46 - 58
Digital Object Identifier 10.1109/98.382531[AbstractPlus](#) | Full Text: [PDF\(1208 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)**5. A family of multiuser decision-feedback detectors for asynchronous code multiple-access channels**Duel-Hallen, A.;
Communications, IEEE Transactions on

Volume 43, Issue 234, Feb-Mar-Apr 1995 Page(s):421 - 434
Digital Object Identifier 10.1109/26.380060

[AbstractPlus](#) | Full Text: [PDF\(1212 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)

6. Simplified block adaptive diversity equalizer for cellular mobile radio

Eyceoz, T.; Duel-Hallen, A.;
[Communications Letters, IEEE](#)
Volume 1, Issue 1, Jan. 1997 Page(s):15 - 18
Digital Object Identifier 10.1109/4234.552143

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(140 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)

7. Deterministic channel modeling and long range prediction of fast fading channels

Eyceoz, T.; Duel-Hallen, A.; Hallen, H.;
[Communications Letters, IEEE](#)
Volume 2, Issue 9, Sept. 1998 Page(s):254 - 256
Digital Object Identifier 10.1109/4234.718494

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(88 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)

8. Interpolation by convolutional codes, overload distortion, and the erasure channel capacity

Calderbank, A.R.; Duel-Hallen, A.; Fishburn, P.C.; Rabinovich, A.;
[Information Theory, IEEE Transactions on](#)
Volume 45, Issue 1, Jan. 1999 Page(s):94 - 105
Digital Object Identifier 10.1109/18.746774

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(456 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)

9. Long-range prediction of fading signals

Duel-Hallen, A.; Shengquan Hu; Hallen, H.;
[Signal Processing Magazine, IEEE](#)
Volume 17, Issue 3, May 2000 Page(s):62 - 75
Digital Object Identifier 10.1109/79.841729

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(720 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)

10. Multiuser detectors with disjoint Kalman channel estimators for synchronous mobile radio channels

Wu, P.H.-Y.; Duel-Hallen, A.;
[Communications, IEEE Transactions on](#)
Volume 48, Issue 5, May 2000 Page(s):752 - 756
Digital Object Identifier 10.1109/26.843185

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(156 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)

11. Guest editorial multiuser detection techniques with application to wireless communications systems I

Cherubini, G.; Cioffi, J.M.; Duel-Hallen, A.; Poor, H.V.;
[Selected Areas in Communications, IEEE Journal on](#)
Volume 19, Issue 8, Aug. 2001 Page(s):1425 - 1428
Digital Object Identifier 10.1109/JSAC.2001.942505

[AbstractPlus](#) | Full Text: [PDF\(40 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)

12. The Jakes fading model for antenna arrays incorporating azimuth spread

Fulghum, T.L.; Molnar, K.J.; Duel-Hallen, A.;
[Vehicular Technology, IEEE Transactions on](#)

Volume 51, Issue 5, Sept. 2002 Page(s):968 - 977
Digital Object Identifier 10.1109/TVT.2002.801742

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(499 KB\)](#) | [IEEE JNL](#)
[Rights and Permissions](#)

 13. Guest editorial multiuser detection techniques with application to wired & communications systems II
Cherubini, G.; Cioffi, J.M.; Duel-Hallen, A.; Poor, H.V.;
[Selected Areas in Communications, IEEE Journal on](#)
Volume 20, Issue 2, Feb. 2002 Page(s):233 - 236
Digital Object Identifier 10.1109/JSAC.2002.983334
[AbstractPlus](#) | Full Text: [PDF\(37 KB\)](#) | [IEEE JNL](#)
[Rights and Permissions](#)

 14. Improved Viterbi decoder metrics for two-stage detectors in DS-CDMA
Elezabi, A.; Duel-Hallen, A.;
[Wireless Communications, IEEE Transactions on](#)
Volume 3, Issue 5, Sept. 2004 Page(s):1399 - 1404
Digital Object Identifier 10.1109/TWC.2004.833489
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(288 KB\)](#) | [IEEE JNL](#)
[Rights and Permissions](#)

 15. Reliable adaptive modulation aided by observations of another fading channel
Tung-Sheng Yang; Duel-Hallen, A.; Hallen, H.;
[Communications, IEEE Transactions on](#)
Volume 52, Issue 4, April 2004 Page(s):605 - 611
Digital Object Identifier 10.1109/TCOMM.2004.826369
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(288 KB\)](#) | [IEEE JNL](#)
[Rights and Permissions](#)

 16. Performance analysis of space-time transmitter diversity techniques for long range prediction
Guncavdi, S.; Duel-Hallen, A.;
[Wireless Communications, IEEE Transactions on](#)
Volume 4, Issue 1, Jan. 2005 Page(s):40 - 45
Digital Object Identifier 10.1109/TWC.2004.840222
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(424 KB\)](#) | [IEEE JNL](#)
[Rights and Permissions](#)

 17. Linear Multiuser Precoding with Transmit Antenna Diversity for DS/CDMA
Jia Liu; Duel-Hallen, A.;
[Military Communications Conference, 2005, MILCOM 2005, IEEE](#)
17-20 Oct. 2005 Page(s):1 - 7
[AbstractPlus](#) | Full Text: [PDF\(376 KB\)](#) | [IEEE CNF](#)
[Rights and Permissions](#)

 18. Enabling adaptive modulation and interference mitigation for slow frequency selective communications
Lei, M.; Duel-Hallen, A.; Hallen, H.;
[Signal Processing Advances in Wireless Communications, 2005, IEEE 6th Workshop on](#)
5-8 June 2005 Page(s):348 - 352
Digital Object Identifier 10.1109/SPAWC.2005.1506045
[AbstractPlus](#) | Full Text: [PDF\(304 KB\)](#) | [IEEE CNF](#)
[Rights and Permissions](#)

 19. Enabling adaptive OFDM for mobile radio channels
Tung-Sheng Yang; Duel-Hallen, A.; Hallen, H.;
[Military Communications Conference, 2004, MILCOM 2004, IEEE](#)
Volume 2, 31 Oct.-3 Nov. 2004 Page(s):704 - 710 Vol. 2

Digital Object Identifier 10.1109/MILCOM.2004.1494882

[AbstractPlus](#) | Full Text: [PDF\(462 KB\)](#) IEEE CNF
[Rights and Permissions](#)

20. **Nonlinear multiuser precoding for downlink DS-CDMA systems over multi channels**
Jia Liu; Duel-Hallen, A.;
[Global Telecommunications Conference, 2004, GLOBECOM '04, IEEE](#)
Volume 1, 29 Nov.-3 Dec. 2004 Page(s):277 - 281 Vol.1
[AbstractPlus](#) | Full Text: [PDF\(628 KB\)](#) IEEE CNF
[Rights and Permissions](#)

21. **Long range fading prediction to enable adaptive transmission at another**
Tung-Sheng Yang; Duel-Hallen, A.; Hallen, H.;
[Signal Processing Advances in Wireless Communications, 2003, SPAWC 2003 Workshop on](#)
15-18 June 2003 Page(s):195 - 199
[AbstractPlus](#) | Full Text: [PDF\(457 KB\)](#) IEEE CNF
[Rights and Permissions](#)

22. **Space-time pre-RAKE multiuser transmitter precoding for DS-CDMA syst**
Guncavdi, S.; Duel-Hallen, A.;
[Vehicular Technology Conference, 2003, VTC 2003-Fall, 2003 IEEE 58th](#)
Volume 4, 6-9 Oct. 2003 Page(s):2411 - 2415 Vol.4
Digital Object Identifier 10.1109/VETECF.2003.1285962
[AbstractPlus](#) | Full Text: [PDF\(336 KB\)](#) IEEE CNF
[Rights and Permissions](#)

23. **Adaptive modulation for transmitter antenna diversity mobile radio syste**
Shengquan Hu; Duel-Hallen, A.; Hallen, H.;
[Information Theory, 2002. Proceedings. 2002 IEEE International Symposium on](#)
2002 Page(s):105
Digital Object Identifier 10.1109/ISIT.2002.1023377
[AbstractPlus](#) | Full Text: [PDF\(244 KB\)](#) IEEE CNF
[Rights and Permissions](#)

24. **Reliable adaptive modulation using long-range prediction at a different c**
Tung-Sheng Yang; Duel-Hallen, A.; Hallen, H.;
[Information Theory, 2002. Proceedings. 2002 IEEE International Symposium on](#)
2002 Page(s):359
Digital Object Identifier 10.1109/ISIT.2002.1023631
[AbstractPlus](#) | Full Text: [PDF\(253 KB\)](#) IEEE CNF
[Rights and Permissions](#)

25. **A physical model for wireless channels to provide insights for long range**
Hallen, H.; Duel-Hallen, A.; Shengquan Hu; Tung-Shen Yang; Ming Lei;
[MILCOM 2002. Proceedings](#)
Volume 1, 7-10 Oct. 2002 Page(s):627 - 631 vol.1
Digital Object Identifier 10.1109/MILCOM.2002.1180517
[AbstractPlus](#) | Full Text: [PDF\(589 KB\)](#) IEEE CNF
[Rights and Permissions](#)

[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

Search Results[BROWSE](#)[SEARCH](#)[IEEE XPLORER GUIDE](#) e-mail

Results for "(duel-hallen a.<in>au)"

Your search matched 45 of 1370541 documents.

A maximum of 45 results are displayed, 25 to a page, sorted by **Relevance in Descending order**.**» Search Options**[View Session History](#)[New Search](#)**Modify Search**

(duel-hallen a.<in>au)

 Check to search only within this results setDisplay Format: Citation Citation & Abstract**» Key**

IEEE JNL IEEE Journal or Magazine

[Select All](#) [Deselect All](#)

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

26. Adaptive modulation using outdated samples of another fading channel

Tung-Sheng Yang; Duel-Hallen, A.;

[Wireless Communications and Networking Conference, 2002. WCNC2002. 20](#)

Volume 1, 17-21 March 2002 Page(s):477 - 481 vol.1

Digital Object Identifier 10.1109/WCNC.2002.993542

[AbstractPlus](#) | Full Text: [PDF\(279 KB\)](#) [IEEE CNF](#)[Rights and Permissions](#)**27. Combined adaptive modulation and transmitter diversity using long range flat fading mobile radio channels**

Shengquan Hu; Duel-Hallen, A.;

[Global Telecommunications Conference, 2001. GLOBECOM '01. IEEE](#)

Volume 2, 25-29 Nov. 2001 Page(s):1256 - 1261 vol.2

Digital Object Identifier 10.1109/GLOCOM.2001.965688

[AbstractPlus](#) | Full Text: [PDF\(82 KB\)](#) [IEEE CNF](#)[Rights and Permissions](#)**28. Improved single-user decoder metrics for two-stage detectors in DS-CDM**

Elezabi, A.; Duel-Hallen, A.;

[Vehicular Technology Conference, 2000. IEEE VTS-Fall VTC 2000. 52nd](#)

Volume 3, 24-28 Sept. 2000 Page(s):1276 - 1281 vol.3

Digital Object Identifier 10.1109/VETECF.2000.886305

[AbstractPlus](#) | Full Text: [PDF\(408 KB\)](#) [IEEE CNF](#)[Rights and Permissions](#)**29. Adaptive modulation using long range prediction for flat Rayleigh fading**

Shengquan Hu; Duel-Hallen, A.; Hallen, H.;

[Information Theory, 2000. Proceedings. IEEE International Symposium on](#)

25-30 June 2000 Page(s):159

Digital Object Identifier 10.1109/ISIT.2000.866451

[AbstractPlus](#) | Full Text: [PDF\(120 KB\)](#) [IEEE CNF](#)[Rights and Permissions](#)**30. Physical channel modeling, adaptive prediction and transmitter diversity mobile channel**

Hu, S.; Hallen, H.; Duel-Hallen, A.;

[Signal Processing Advances in Wireless Communications, 1999. SPAWC '99. Workshop on](#)

9-12 May 1999 Page(s):387 - 390
Digital Object Identifier 10.1109/SPAWC.1999.783099
[AbstractPlus](#) | Full Text: [PDF\(380 KB\)](#) IEEE CNF
[Rights and Permissions](#)

31. **Transmitter antenna diversity and adaptive signaling using long range path fading DS/CDMA mobile radio channels**
Shengquan Hu; Eyceoz, T.; Duel-Hallen, A.; Hallen, H.;
Wireless Communications and Networking Conference, 1999. WCNC. 1999 IEEE
21-24 Sept. 1999 Page(s):824 - 828 vol.2
Digital Object Identifier 10.1109/WCNC.1999.796779
[AbstractPlus](#) | Full Text: [PDF\(472 KB\)](#) IEEE CNF
[Rights and Permissions](#)

32. **Two-stage receiver structures for coded CDMA systems**
Elezabi, A.; Duel-Hallen, A.;
Vehicular Technology Conference, 1999 IEEE 49th
Volume 2, 16-20 May 1999 Page(s):1425 - 1429 vol.2
Digital Object Identifier 10.1109/VETEC.1999.780582
[AbstractPlus](#) | Full Text: [PDF\(496 KB\)](#) IEEE CNF
[Rights and Permissions](#)

33. **Adaptive multielement DFE receivers for narrowband multiuser detection**
Fulghum, T.; Duel-Hallen, A.;
Vehicular Technology Conference, 1998. VTC 98. 48th IEEE
Volume 1, 18-21 May 1998 Page(s):41 - 45 vol.1
Digital Object Identifier 10.1109/VETEC.1998.686469
[AbstractPlus](#) | Full Text: [PDF\(556 KB\)](#) IEEE CNF
[Rights and Permissions](#)

34. **Post-decoding interference cancelation for coded CDMA systems**
Elezabi, A.Y.; Duel-Hallen, A.;
Information Theory, 1998. Proceedings. 1998 IEEE International Symposium on
16-21 Aug. 1998 Page(s):282
Digital Object Identifier 10.1109/ISIT.1998.708887
[AbstractPlus](#) | Full Text: [PDF\(104 KB\)](#) IEEE CNF
[Rights and Permissions](#)

35. **Using the physics of the fast fading to improve performance for mobile radio**
Eyceoz, T.; Duel-Hallen, A.; Hallen, H.;
Information Theory, 1998. Proceedings. 1998 IEEE International Symposium on
16-21 Aug. 1998 Page(s):159
Digital Object Identifier 10.1109/ISIT.1998.708753
[AbstractPlus](#) | Full Text: [PDF\(100 KB\)](#) IEEE CNF
[Rights and Permissions](#)

36. **Prediction of fast fading parameters by resolving the interference pattern**
Eyceoz, T.; Duel-Hallen, A.; Hallen, H.;
Signals, Systems & Computers, 1997. Conference Record of the Thirty-First Asilomar Conference on
Volume 1, 2-5 Nov. 1997 Page(s):167 - 171 vol.1
Digital Object Identifier 10.1109/ACSSC.1997.680049
[AbstractPlus](#) | Full Text: [PDF\(444 KB\)](#) IEEE CNF
[Rights and Permissions](#)

37. **DPSK diversity combining for CDMA frequency selective fading channels**
Duel-Hallen, A.; Andrijic, S.;
Signals, Systems & Computers, 1997. Conference Record of the Thirty-First Asilomar Conference on

Volume 2, 2-5 Nov. 1997 Page(s):1390 - 1394 vol.2
Digital Object Identifier 10.1109/ACSSC.1997.679131

[AbstractPlus](#) | Full Text: [PDF\(464 KB\)](#) [IEEE CNT](#)
[Rights and Permissions](#)

38. Two-stage detection of coded CDMA systems and a novel interleaving sc

Elezabi, A.Y.; Duel-Hallen, A.;
Computers and Communications, 1997, Proceedings., Second IEEE Symposium on
1-3 July 1997 Page(s):551 - 555

Digital Object Identifier 10.1109/ISCC.1997.616063
[AbstractPlus](#) | Full Text: [PDF\(360 KB\)](#) [IEEE CNT](#)
[Rights and Permissions](#)

39. On the performance of coherent and noncoherent multiuser detectors for CDMA channels

Hsin-Yu Wu; Duel-Hallen, A.;
Universal Personal Communications, 1996, Record., 1996 5th IEEE International Conference on
Volume 1, 29 Sept.-2 Oct. 1996 Page(s):76 - 80 vol.1

Digital Object Identifier 10.1109/ICUPC.1996.557757
[AbstractPlus](#) | Full Text: [PDF\(680 KB\)](#) [IEEE CNT](#)
[Rights and Permissions](#)

40. Reduced complexity diversity combining and adaptive equalization using channel estimates with applications to cellular mobile radio channels

Eyceoz, T.; Duel-Hallen, A.;
Universal Personal Communications, 1996, Record., 1996 5th IEEE International Conference on
Volume 1, 29 Sept.-2 Oct. 1996 Page(s):51 - 55 vol.1

Digital Object Identifier 10.1109/ICUPC.1996.557749
[AbstractPlus](#) | Full Text: [PDF\(588 KB\)](#) [IEEE CNT](#)
[Rights and Permissions](#)

41. Decorrelating diversity equalizer for Rayleigh fading multipath channels

Duel-Hallen, A.; Basavaraju, S.; Mydlow, M.W.;
Universal Personal Communications, 1996, Record., 1996 5th IEEE International Conference on
Volume 1, 29 Sept.-2 Oct. 1996 Page(s):56 - 60 vol.1

Digital Object Identifier 10.1109/ICUPC.1996.557751
[AbstractPlus](#) | Full Text: [PDF\(620 KB\)](#) [IEEE CNT](#)
[Rights and Permissions](#)

42. Linear And Decision-feedback Multiuser Detectors

Duel-Hallen, A.;
Information Theory, 1991 (papers in summary form only received), Proceeding International Symposium on (Cat. No.91CH3003-1)
24-28 June 1991 Page(s):31 - 31

[AbstractPlus](#) | Full Text: [PDF\(108 KB\)](#) [IEEE CNT](#)
[Rights and Permissions](#)

43. Performance of multiuser zero-forcing and MMSE decision-feedback detectors for channels

Duel-Hallen, A.;
Global Telecommunications Conference, 1993, including a Communications I Conference, Technical Program Conference Record, IEEE in Houston, GLOBECOM 93
29 Nov.-2 Dec. 1993 Page(s):82 - 86 vol.4

Digital Object Identifier 10.1109/GLOCOM.1993.318433
[AbstractPlus](#) | Full Text: [PDF\(416 KB\)](#) [IEEE CNT](#)
[Rights and Permissions](#)

44. A modified μ -weighted normalised frequency-domain LMS algorithm

Punjabi, H.S.; Townsend, J.K.; Duel-Hallen, A.;

Global Telecommunications Conference, 1994, GLOBECOM '94, 'Communications Bridge', IEEE

28 Nov.-2 Dec. 1994 Page(s):232 - 236 vol.1

Digital Object Identifier 10.1109/GLOCOM.1994.513413

[AbstractPlus](#) | Full Text: [PDF\(396 KB\)](#) [IEEE CNT](#)[Rights and Permissions](#)**45. Comparison of multiuser detectors for synchronous flat Rayleigh fading**

Hsin-Yu Wu; Duel-Hallen, A.;

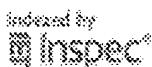
Information Theory, 1994. Proceedings., 1994 IEEE International Symposium on

27 June-1 July 1994 Page(s):230

Digital Object Identifier 10.1109/ISIT.1994.394738

[AbstractPlus](#) | Full Text: [PDF\(72 KB\)](#) [IEEE CNT](#)[Rights and Permissions](#)[Help](#) [Contact Us](#) [Privacy & Terms](#)

© Copyright 2006 IEEE ...



[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

Search Session History[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)

Thu, 6 Jul 2006, 7:24:40 PM EST

Edit an existing query or
compose a new query in the
Search Query Display.

Search Query Display

Select a search number (#) to:

- Add a query to the Search Query Display
- Combine search queries using AND, OR, or NOT
- Delete a search
- Run a search

Recent Search Queries

#1	((cross <near/2> correl* <near/3> matrix*) <and> (multi <near/3> user <near/3> (detect* <or> demodulat*)))<in>metadata)
#2	((cross <near/2> correl* <near/3> matri*) <and> (multi <near/3> user <near/3> (detect* <or> demodulat*)))<in>metadata)
#3	((cross <near/2> correl* <near/3> matri*) <and> (multi <near/3> user <near/3> (detect* <or> demodulat*)))<in>metadata)
#4	((cross <near/2> correl* <near/3> matri*) <and> (multi <near/3> user <near/3> (detect* <or> demodulat*)))<in>metadata)
#5	((cross <near/2> correl* <near/3> matri*) <and> (multi <near/3> user <near/3> (detect* <or> demodulat*)))<in>metadata)
#6	((cross <near/2> correl* <near/3> matri*) <and> (joint <near/3> (detect* <or> demodulat*)))<in>metadata)
#7	((cross <near/2> correl* <near/3> matri*) <and> (joint <near/3> (detect* <or> demodulat*)))<in>metadata)

[Help](#) [Contact Us](#) [Privacy &](#)

© Copyright 2006 IEEE -

Indexed by
 Inspec®

[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

Search Results**BROWSE****SEARCH****IEEE XPLORE GUIDE**

Results for "(((cross <near/2> correl* <near/3> matri*) <and> (joint <near/3> (detect* &l..."))

 e-mail

Your search matched 3 of 1370541 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by **Relevance in Descending order**.» [Search Options](#)[View Session History](#)[Modify Search](#)[New Search](#) Check to search only within this results setDisplay Format: Citation Citation & Abstract[Select All](#) [Deselect All](#)» [Key](#)

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STO IEEE Standard

1. Blind joint equalization and multiuser detection for DS-CDMA in unknown noise

Xiaodong Wang; Poor, H.V.;

[Circuits and Systems II: Analog and Digital Signal Processing, IEEE Transactions on](#)
[Circuits and Systems II: Express Briefs, IEEE Transactions on](#)

Volume 46, Issue 7, July 1999 Page(s):886 - 895

Digital Object Identifier 10.1109/82.775384

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(272 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)**2. Joint iterative channel estimation for space-time multiuser detection**

Ling-yun Lu; Yang Xiao;

[TENCON 2004. 2004 IEEE Region 10 Conference](#)

Volume A, 21-24 Nov. 2004 Page(s):491 - 494 Vol. 1

Digital Object Identifier 10.1109/TENCON.2004.1414464

[AbstractPlus](#) | Full Text: [PDF\(1876 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)**3. Blind joint equalization and multiuser detection for DS-CDMA in unknown noise**

Xiaodong Wang; Poor, H.V.;

[Circuits and Systems, 1998. ISCAS '98. Proceedings of the 1998 IEEE International](#)
[Circuits and Systems, 1998. ISCAS '98. Proceedings of the 1998 IEEE Internation](#)

Volume 4, 31 May-3 June 1998 Page(s):546 - 549 vol.4

Digital Object Identifier 10.1109/ISCAS.1998.698983

[AbstractPlus](#) | Full Text: [PDF\(288 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)[Help](#) [Contact Us](#) [Privacy & :](#)

© Copyright 2006 IEEE -

Indexed by
 Inspec

[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

[Search Session History](#)[BROWSE](#)[SEARCH](#)[IEEE XPLOR GUIDE](#)

Thu, 6 Jul 2006, 7:21:31 PM EST

Search Query Display



Recent Search Queries

#1 (((cross <near/2> correl* <near/3> matrix*) <and> (multi <near/3> user <near/3> (detect* <or> demodulat*)))<in>metadata)

#2 (((cross <near/2> correl* <near/3> matri*) <and> (multi <near/3> user <near/3> (detect* <or> demodulat*)))<in>metadata)

#3 (((cross <near/2> correl* <near/3> matri*) <and> (multi <near/3> user <near/3> (detect* <or> demodulat*)))<in>metadata)

#4 (((cross <near/2> correl* <near/3> matri*) <and> (multi <near/3> user <near/3> (detect* <or> demodulat*)))<in>metadata)

[Help](#) [Contact Us](#) [Privacy &](#)

© Copyright 2006 IEEE -

Indexed by
 Inspec®

[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

Search Results[BROWSE](#)[SEARCH](#)[IEEE XPLOR GUIDE](#)

Results for "(((cross <near/2> correl* <near/3> matri*) <and> (multi <near/3> user <near/3> ...)"

 e-mail

Your search matched 4 of 1370541 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by **Relevance in Descending** order.» [Search Options](#)[View Session History](#)[Modify Search](#)[New Search](#) Check to search only within this results set» [Key](#)Display Format: Citation Citation & Abstract

IEEE JNL IEEE Journal or Magazine

 [Select All](#) [Deselect All](#)

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

1. Improved linear decorrelating detector on chip level in multiple antenna C

Gang Wang; Daoben Li;

[Communications, 2004 and the 5th International Symposium on Multi-Dimensional](#)
[Communications Proceedings, The 2004 Joint Conference of the 10th Asia-Paci](#)
on

Volume 1, 29 Aug.-1 Sept. 2004 Page(s):328 - 332 vol.1

[AbstractPlus](#) | Full Text: [PDF\(597 KB\)](#) [IEEE CNF](#)[Rights and Permissions](#)**2. A bootstrap multi-user detector for CDMA based on Tikhonov regularization**

Kasparis, C.; Piechocki, R.J.; Fletcher, P.N.; Nix, A.R.;

[Acoustics, Speech, and Signal Processing, 2003. Proceedings. \(ICASSP '03\).](#)
[International Conference on](#)

Volume 4, 6-10 April 2003 Page(s):IV - 69-72 vol.4

[AbstractPlus](#) | Full Text: [PDF\(315 KB\)](#) [IEEE CNF](#)[Rights and Permissions](#)**3. Analysis of combined MMSE/PIC multi-user detection for CDMA spread spectrum systems**

Host-Madsen, A.; Kyung-Seon Cho;

[Communications, 1998. ICC '98. Conference Record. 1998 IEEE International Conference on](#)

Volume 2, 7-11 June 1998 Page(s):699 - 703 vol.2

Digital Object Identifier 10.1109/ICC.1998.685100

[AbstractPlus](#) | Full Text: [PDF\(412 KB\)](#) [IEEE CNF](#)[Rights and Permissions](#)**4. On multi-user detection schemes for synchronous coherent CDMA systems**

Kempf, P.;

[Vehicular Technology Conference, 1995 IEEE 45th](#)

Volume 1, 25-28 July 1995 Page(s):479 - 483 vol.1

Digital Object Identifier 10.1109/VETEC.1995.504913

[AbstractPlus](#) | Full Text: [PDF\(472 KB\)](#) [IEEE CNF](#)[Rights and Permissions](#)[Help](#) [Contact Us](#) [Privacy & :](#)

[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

Search Results[BROWSE](#)[SEARCH](#)[IEEE Xplore GUIDE](#)

Results for "(((cross <near/2> correl* <near/3> matri*) <and> (multi <near/3> user <near/3> (date

 e-mail

Your search matched 4 of 1370541 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by **Relevance** in **Descending** order.**» Search Options**[View Session History](#)[Modify Search](#)[New Search](#) [Search](#) [Check to search only within this results set](#)Display Format: [Citation](#) [Citation & Abstract](#)[view selected items](#) [Select All](#) [Deselect All](#)**1. Improved linear decorrelating detector on chip level in multiple antenna C**

Gang Wang; Daoben Li;

[Communications, 2004 and the 5th International Symposium on Multi-Dimensional Communications Proceedings, The 2004 Joint Conference of the 10th Asia-Pacific on](#)

Volume 1, 29 Aug.-1 Sept. 2004 Page(s):328 - 332 vol.1

[AbstractPlus](#) | Full Text: [PDF\(597 KB\)](#) [IEEE CNF](#)[Rights and Permissions](#)**2. A bootstrap multi-user detector for CDMA based on Tikhonov regularization**Kasparis, C.; Piechocki, R.J.; Fletcher, P.N.; Nix, A.R.;
[Acoustics, Speech, and Signal Processing, 2003. Proceedings. \(ICASSP '03\). International Conference on](#)

Volume 4, 6-10 April 2003 Page(s):IV - 69-72 vol.4

[AbstractPlus](#) | Full Text: [PDF\(315 KB\)](#) [IEEE CNF](#)[Rights and Permissions](#)**3. Analysis of combined MMSE/PIC multi-user detection for CDMA spread spectrum systems**

Host-Madsen, A.; Kyung-Seon Cho;

[Communications, 1998. ICC '98. Conference Record. 1998 IEEE International Conference on](#)

Volume 2, 7-11 June 1998 Page(s):699 - 703 vol.2

Digital Object Identifier 10.1109/ICC.1998.685100

[AbstractPlus](#) | Full Text: [PDF\(412 KB\)](#) [IEEE CNF](#)[Rights and Permissions](#)**4. On multi-user detection schemes for synchronous coherent CDMA systems**

Kempf, P.;

[Vehicular Technology Conference, 1995 IEEE 45th](#)

Volume 1, 25-28 July 1995 Page(s):479 - 483 vol.1

Digital Object Identifier 10.1109/VETEC.1995.504913

[AbstractPlus](#) | Full Text: [PDF\(472 KB\)](#) [IEEE CNF](#)[Rights and Permissions](#)[Help](#) [Contact Us](#) [Privacy &](#)

Day : Thursday

Date: 7/6/2006

Time: 16:02:29

PALM INTRANET**Inventor Name Search Result**

Your Search was:

Last Name = OATES

First Name = JOHN

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>60275846</u>	Not Issued	159	03/14/2001	Wireless communications systems and methods	OATES, JOHN
<u>60289600</u>	Not Issued	159	05/07/2001	Wireless communications systems and methods using long-code multi-user detection	OATES, JOHN
<u>60615961</u>	Not Issued	159	10/06/2004	Method and apparatus for non-invasive monitoring of respiratory parameters in sleep disordered breathing	OATES, JOHN
<u>60622439</u>	Not Issued	159	10/27/2004	Method for reducing heme-induced tissue damage	OATES, JOHN
<u>60629612</u>	Not Issued	159	11/22/2004	Method and apparatus for non-invasive monitoring of respiratory parameters in sleep disordered breathing	OATES, JOHN
<u>11153134</u>	Not Issued	30	06/15/2005	Method for preventing hemoprotein and heme-mediated lipid peroxidation	OATES, JOHN A.
<u>60563788</u>	Not Issued	159	04/20/2004	Method for quantifying prostaglandin E2 (PGE2) metabolite	OATES, JOHN A.
<u>60579923</u>	Not Issued	159	06/15/2004	Thromboxane receptor antagonists for acute renal failure	OATES, JOHN A.
<u>07715568</u>	Not Issued	166	06/14/1991	METHOD TO DIAGNOSE SYSTEMIC MAST CELL DISORDERS	OATES, JOHN A.
<u>08056983</u>	Not Issued	161	05/03/1993	METHOD TO DIAGNOSE SYSTEMIC MAST CELL DISORDERS	OATES, JOHN A.
<u>10366006</u>	Not Issued	41	02/12/2003	Providing encrypted real time data transmissions on a network	OATES, JOHN D.
<u>07843889</u>	Not Issued	161	02/27/1992	SCIENTIFIC INSTRUMENT EMULATOR HVING A	OATES, JOHN D.

				COMPUTER AND AN ANALOG SIGNAL INTERFACE FOR REAL-TIME SIGNAL PROCESSING	
<u>08343368</u>	Not Issued	166	11/22/1994	SCIENTIFIC INSTRUMENT EMULATOR	OATES, JOHN D.
<u>08627908</u>	5630164	250	03/29/1996	SCIENTIFIC INSTRUMENT EMULATOR HAVING A COMPUTER AND AN ANALOG SIGNAL INTERFACE FOR REAL-TIME SIGNAL PROCESSING	OATES, JOHN D.
<u>08648121</u>	Not Issued	161	11/26/1996	INTERPRETIVE MEASUREMENT INSTRUMENT	OATES, JOHN D.
<u>08734289</u>	Not Issued	164	10/21/1996	METHOD FOR RELEASING AN ARTICLE FROM A MOLD USING WATER BASED EXTERNAL MOLD RELEASE COMPOSITIONS	OATES, JOHN D.
<u>09191851</u>	6521696	150	11/12/1998	AQUEOUS PRESSURE SENSITIVE ADHESIVE FORMULATIONS	OATES, JOHN D.
<u>60065124</u>	Not Issued	159	11/12/1997	AQUEOUS PRESSURE SENSITIVE ADHESIVE FORMULATIONS	OATES, JOHN D.
<u>60065390</u>	Not Issued	159	11/12/1997	AQUEOUS DISPERSIONS OR EMULSIONS OF INTERPOLYMERS OF -OLEFIN (S)HINDERED VINYLIDENE AROMATIC MONOMER(S)	OATES, JOHN D.
<u>10196970</u>	7023965	150	07/17/2002	APPARATUS AND METHOD FOR DISPLAYING A NAME OF A SPEAKER ON A TELECOMMUNICATION CONFERENCE CALL	OATES, JOHN DAVID
<u>10637771</u>	Not Issued	30	08/08/2003	Characterisation of mask systems	OATES, JOHN DAVID
<u>60715612</u>	Not Issued	20	09/12/2005	Network enabled flow generator	OATES, JOHN DAVID
<u>60726178</u>	Not Issued	20	10/14/2005	Flow generator message system	OATES, JOHN DAVID
<u>60775334</u>	Not Issued	20	02/22/2006	Mask pressure regulation in CPAP treatment and assisted respiration by dynamic control of mask vent flow	OATES, JOHN DAVID
<u>09548878</u>	6560441	150	04/13/2000	LOW NOISE IN-BUILDING DISTRIBUTION NETWORK FOR WIRELESS SIGNALS	OATES, JOHN H.

<u>10098628</u>	Not Issued	60	03/14/2002	Computational methods for use in a short-code spread-spectrum communications system	OATES, JOHN H.
<u>10099471</u>	Not Issued	95	03/14/2002	WIRELESS COMMUNICATION SYSTEMS AND METHODS FOR LONG-CODE COMMUNICATIONS FOR REGENERATIVE MULTIPLE USER DETECTION INVOLVING MATCHED-FILTER OUTPUTS	OATES, JOHN H.
<u>10099536</u>	Not Issued	71	03/14/2002	Wireless communications systems and methods for short-code multiple user detection	OATES, JOHN H.
<u>10099543</u>	Not Issued	93	03/14/2002	WIRELESS COMMUNICATION SYSTEMS AND METHODS FOR LONG-CODE COMMUNICATIONS FOR REGENERATIVE MULTIPLE USER DETECTION INVOLVING PRE-MAXIMAL COMBINATION MATCHED FILTER OUTPUTS	OATES, JOHN H.
<u>10099545</u>	Not Issued	61	03/14/2002	Wireless communications systems and methods for nonvolatile storage of operating parameters for multiple processor based multiple user detection	OATES, JOHN H.
<u>10099546</u>	Not Issued	93	03/14/2002	WIRELESS COMMUNICATIONS SYSTEMS AND METHODS FOR VIRTUAL USER BASED MULTIPLE USER DETECTION UTILIZING VECTOR PROCESSOR GENERATED MAPPED CROSS-CORRELATION MATRICES	OATES, JOHN H.
<u>10099879</u>	Not Issued	160	03/14/2002	Wireless communications systems and methods for cache enabled multiple processor based multiple user detection	OATES, JOHN H.
<u>10099883</u>	Not Issued	95	03/14/2002	WIRELESS COMMUNICATIONS SYSTEMS AND METHODS FOR MULTIPLE PROCESSOR BASED MULTIPLE USER DETECTION	OATES, JOHN H.
<u>10099889</u>	Not Issued	95	03/14/2002	WIRELESS COMMUNICATIONS SYSTEMS AND METHODS FOR DIRECT MEMORY ACCESS AND BUFFERING OF DIGITAL SIGNALS FOR MULTIPLE USER	OATES, JOHN H.

				DETECTION	
<u>10099906</u>	Not Issued	41	03/14/2002	Wireless communication systems and methods for long-code communications for regenerative multiple user detection involving implicit waveform subtraction	OATES, JOHN H.
<u>10099912</u>	Not Issued	30	03/14/2002	Wireless communication systems and methods for contiguously addressable memory enabled multiple processor based multiple user detection	OATES, JOHN H.
<u>10099916</u>	Not Issued	71	03/14/2002	Load balancing computational methods in a short-code spread-spectrum communications system	OATES, JOHN H.
<u>10099918</u>	Not Issued	41	03/14/2002	Wireless communications systems and methods for multiple operating system multiple user detection	OATES, JOHN H.
<u>10099923</u>	Not Issued	95	03/14/2002	HARDWARE AND SOFTWARE FOR PERFORMING COMPUTATIONS IN A SHORT-CODE SPREAD-SPECTRUM COMMUNICATIONS SYSTEM	OATES, JOHN H.
<u>10291176</u>	Not Issued	30	11/08/2002	Wireless communications systems and methods for cache enabled multiple processor based multiple user detection	OATES, JOHN H.
<u>60295060</u>	Not Issued	159	06/01/2001	Wireless communications systems and methods for a communications computer	OATES, JOHN H.
<u>60129433</u>	Not Issued	159	04/15/1999	LOW NOISE PCS CELL	OATES, JOHN H.
<u>09909259</u>	Not Issued	161	07/19/2001	Method of attaching a plate to a rod and assembly	OATES, JOHN M.
<u>10442421</u>	6698081	150	05/21/2003	METHOD OF ATTACHING A PLATE TO A ROD	OATES, JOHN M.
<u>10442475</u>	6799929	150	05/21/2003	METHOD OF ATTACHING A PLATE TO A ROD AND ASSEMBLY	OATES, JOHN M.
<u>60263269</u>	Not Issued	159	01/22/2001	Method of attaching a plate to a rod and assembly	OATES, JOHN M.

Inventor Search Completed: No Records to Display.

Search Another: Inventor

Last Name	First Name	
<input type="text" value="OATES"/>	<input type="text" value="JOHN"/>	<input type="button" value="Search"/>